



Get Blended: Engaging our Digital Natives

Maria Iemma: Deputy Principal

Tracey McTeare: Teachers of History





What is Blended Learning?

“At its simplest, blended learning is the thoughtful integration of face-to-face learning experiences with online learning experiences.”

D. Randy Garrison, Heather Kanuka, Blended learning: Uncovering its transformative potential in higher education, The Internet and Higher Education, Volume 7, Issue 2, 2nd Quarter 2004, Pages 95-105, ISSN 1096-7516, DOI: 10.1016/j.iheduc.2004.02.001





Benefits of Blended Learning

- Blended learning allows for the integration of computers, audio-visual tools and standard visual aids.
- By using an array of technologies, you increase the likelihood that you reach all of your students.





Benefits of Blended Learning and Multiple Intelligences?

Intelligence type	Capability and perception
Linguistic	words and language
Logical-Mathematical	logic and numbers
Musical	music, sound, rhythm
Bodily-Kinaesthetic	body movement control
Spatial-Visual	images and space
Interpersonal	other people's feelings
Intrapersonal	self-awareness



Principles for BL course design

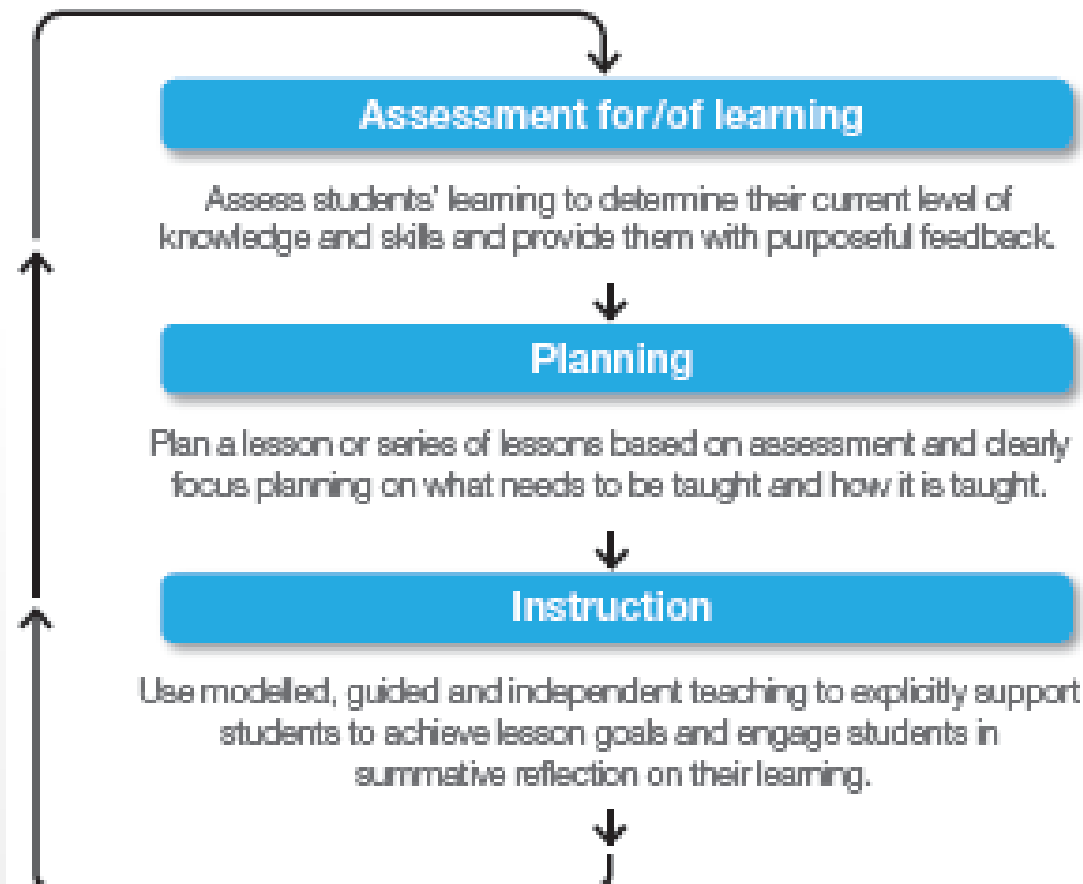
- Blended Learning is not an ‘add-on’ to an existing teaching approach
- It involves a “fundamental reconceptualization & reorganisation of the teaching and learning dynamic”
- It is about “rethinking and redesigning the teaching & learning relationship”

(Garrison & Kanuka, 2004)

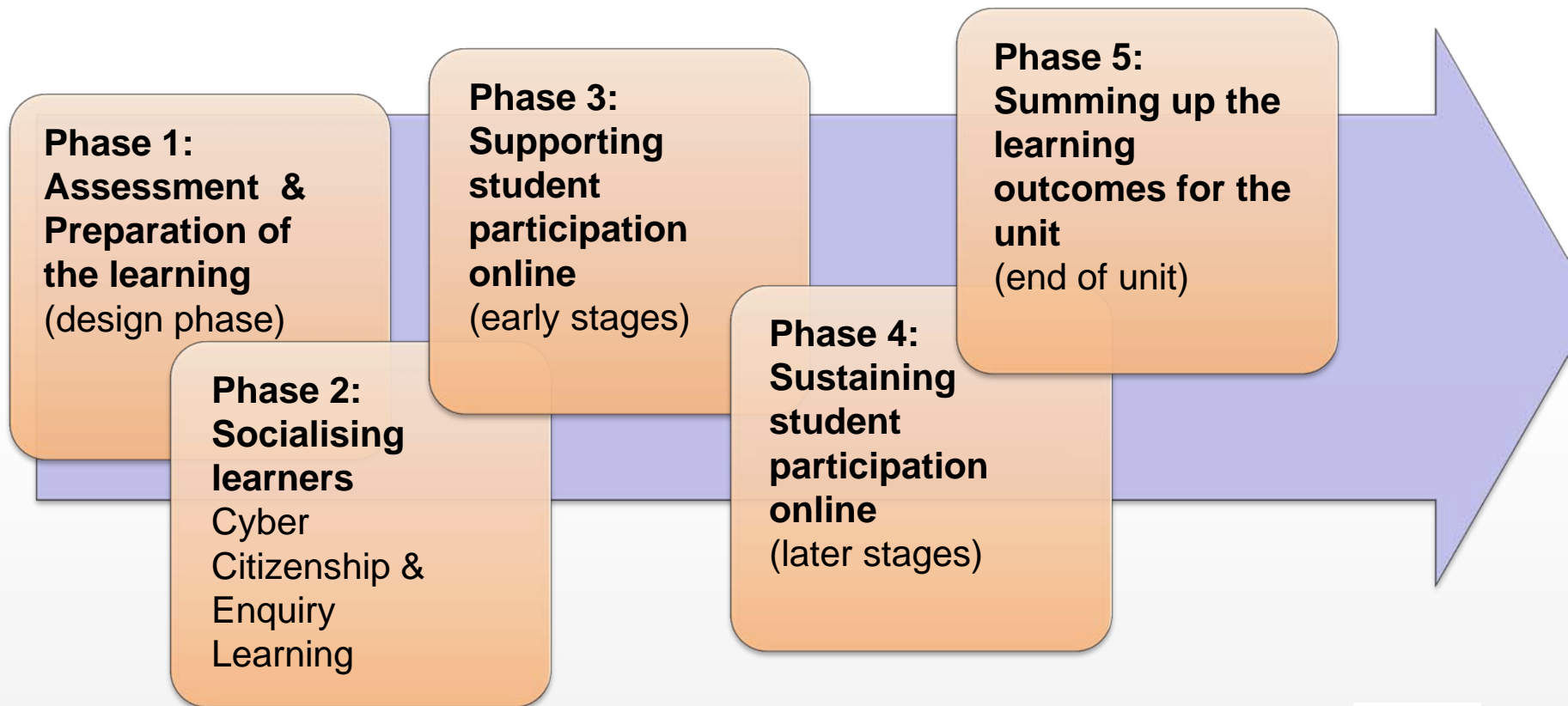


How to Blend?

A process for explicit and systematic teaching



How to Blend?



What's in the Blend?

Blogs

- Social technologies such as blogs and forums allow students to become the 'group owners' of their own learning.
- Students learn to ask big questions, find resources and engage in ongoing dialogue.
- Students engaged in this type of learning develop leadership and communication skills.
- It is also a good way for teachers to start with the pedagogy and use straight forward technology to improve their skills





What's in the Blend?

- Blogs not only provide a place for the author to write, they invite readers to COMMENT on what has been said.
- They can also include LINKS to web sites, other blogs, news articles, or even pictures.



What's in the Blend?

- [Blogs](#) allow people to “share” in unique ways. Instead of simply using the internet for reading information to “look something up” on the web, blogs let people WRITE, REACT, and SHARE, using the internet as a place to do it.
- Students are able to create individual reflective blogs or collaborative blogs.
- Students can share media such as video or audio and use this to foster dialogue.



What's in the Blend?

Social Networking using Edmodo

- Edmodo is a social networking space specifically designed for education. It is unblocked for educational purposes. This is where we will ask questions, share links and post ideas.
- Edmodo is a social learning network for teachers, students, schools and districts.
- It provides free classroom communication for teachers, students and administrators on a secure social network.



What's in the Blend?

- Teachers and students are able to post classroom materials, share links and videos, and access homework, grades and school notices.
- Edmodo stores and share all forms of digital content – blogs, links, pictures, video, documents, presentations, and more.





What's in the Blend

- Students as designers of their own learning.
- Students engage in activities such as identifying the outcomes they wish to achieve, designing activities and creating assessments.
- Results have shown improvement in academic results and information management skills





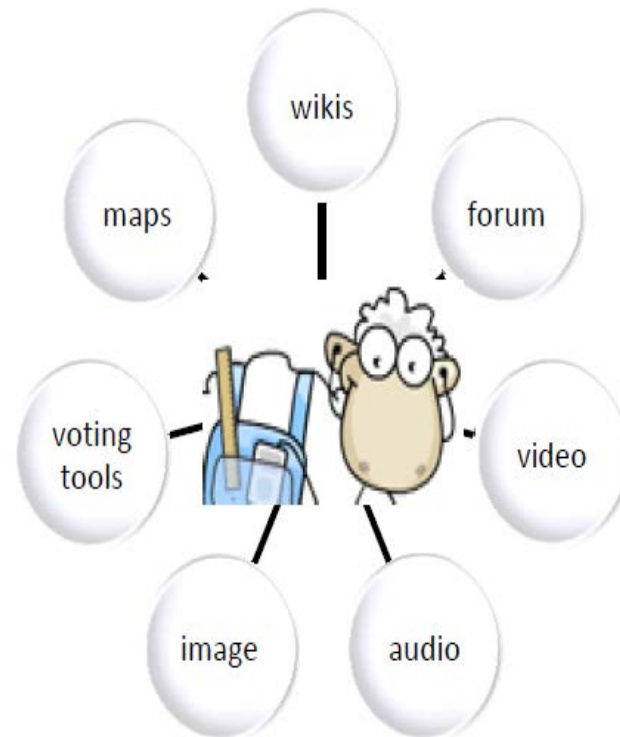
Learning Design using LAMS

- LAMS (Learning Activity Management System) is an easy-to-use e-learning solution that allows the user to build reusable learning activities (modules) and connect them together to become an activity sequence.
- By following the sequence, learners are given an environment that they can focus and learn new knowledge while collaborating with others.

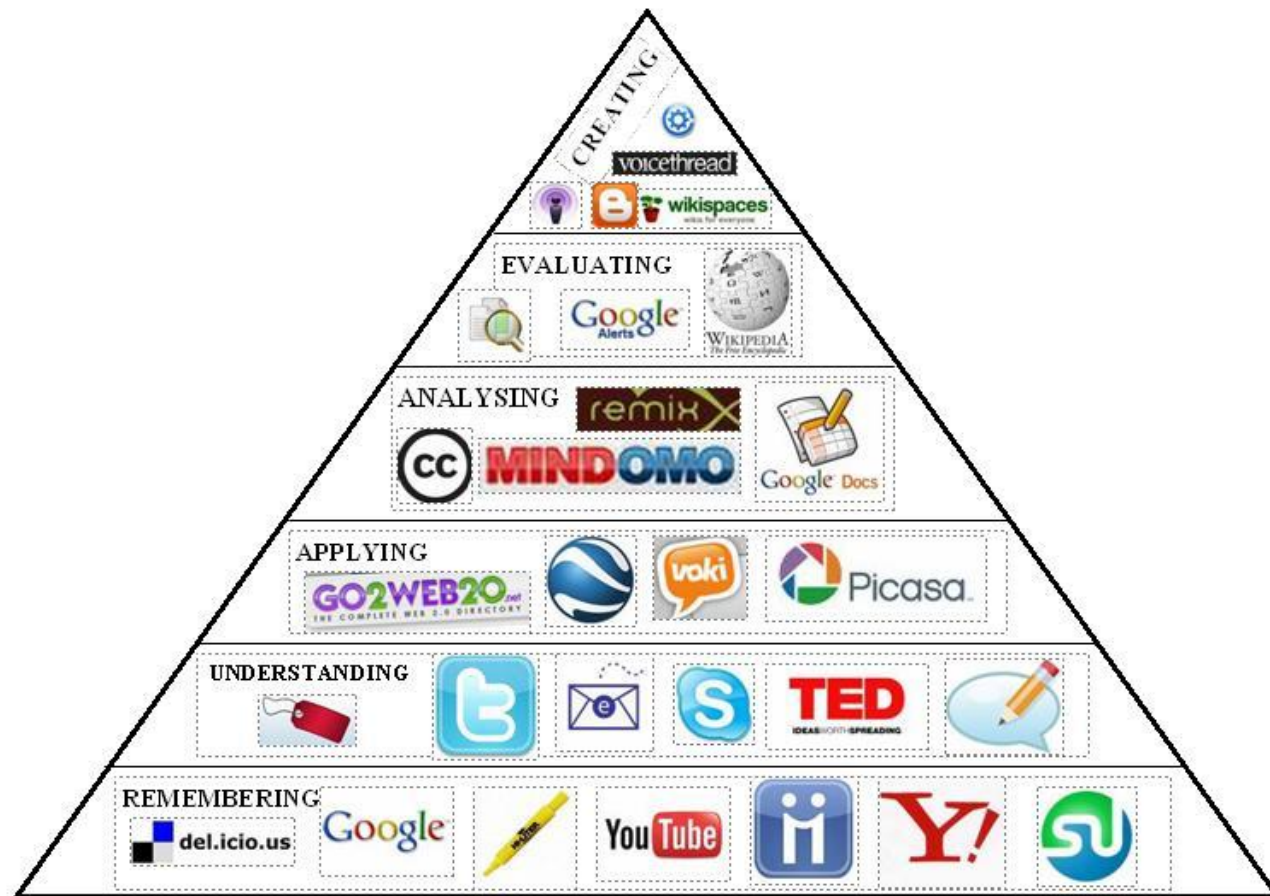


LAMS (Learning Activity Management System)

- Students are able to use LAMS to design learning sequences for their peers, create forums for discussion and create interactive and informative information products or narratives.
- LAMS would be a great next step for teachers who are familiar with social technology and/or effective learning design.



Add a touch of Blooms into the mix



M.Fisher 2009 digigogy.blogspot.com





Web2 blends

- [Xtranormal](#)
- [Community clips](#)
- Skype
- Podcasts
- Survey makers
- Word cloud generators
- [Mindomo](#)
- Visualization and storytelling
- Animations
- Prezi
- Collage creators



DER Software

DER SOFTWARE FOR LEARNING GUIDE

Software	Learning Applications	Description & use	How you could use in the classroom	Blooms Remember Understand Apply Analyse Evaluate Create	Good for investigating	Good for collaborating (easily shared, suitable for group work)	Good for presenting
<u>Microsoft One Note</u>		Organisation of notes and resources	Bookwork, scaffold assignments, research clipping	LOWER LEVELS Remember Understand	YES Collect info by screen clipping internet pages and segments	YES Use live sharing collaborate in real time	NOT REALLY Better suited to collecting resources, text based writing
<u>Adobe Acrobat Pro</u>		Interactive PDFs, Digital Portfolios and digital marking	Documenting a process, units of work, interactive worksheets	MID LEVELS Understand Apply Analyse	NOT REALLY	SOMEWHAT Could use review tools to send changes back and forth	YES Excellent for presenting the process of creating
<u>SMART Notebook</u>		Interactive presentation software	Interactive presentations, quizzes, activity design	HIGH LEVELS when used as interactive presentation by students	SOMEWHAT Capture info pictures from web, store attachments	NOT REALLY	YES Easier than PowerPoint present creatively
<u>Adobe Captivate</u>		Software Simulation and quiz creation	Interactive presentations, quizzes, activity design	ALL LEVELS Mainly Understand Apply Create	NOT REALLY	NOT REALLY Unless creating group presentation	YES Show understanding, multimedia presentations
<u>Audacity</u>		Record and mix sound, add effects, create podcasts (mp3)	Radio interviews, news report, ads, Podcasts	HIGH LEVELS Analyse & evaluate to create a podcast	SOMEWHAT Could use to record thoughts & ideas verbally	YES Excellent to assign roles for radio production	YES Embed into blog for peer & real world assessment
<u>Adobe Premiere Elements</u>		Create and edit video and mashups	Photo Stories, short film creation, news style reports	HIGH LEVELS Apply Analyse Evaluate Create	NOT REALLY Unless used to capture footage with web cam	YES Excellent for assigning roles, teamwork	YES Present to real audience, embed in blog to share
<u>Microsoft Publisher</u>		Templates and tools for document publishing	Easy creation of newspaper articles, brochures, magazines	MID-HIGH Apply Analyse Evaluate Create	NOT REALLY	SOMEWHAT Can bring separate docs as one	YES Production of professional documents
<u>Microsoft Excel</u>		Enter data into cells, use formulas, create graphs	Organisation, Working out formulas, creating graphs	ALL LEVELS	YES Investigate cause & effect scenarios	YES Collate individual worksheets into workbook	YES The best software for presenting graphs
<u>Freemind</u>		Mind mapping, flow chart tool	Brainstorming, informal pre-test, concept organisation,	LOWER LEVELS Remember Understand Apply	YES Easy to map out main concepts of information	SOMEWHAT Could create a group mind map	YES Incorporate mind maps into PowerPoint



LEARNER MANAGEMENT SYSTEMS: MOODLE

Moodle is a software package for producing internet-based courses and web sites



eBackpack

[eBackpack](#) is an application that provides:

- teachers and students with **online personal file storage**
- a facility for teachers to create **online shared workspaces**. Shared workspaces can contain web content, files, announcements and other information from any location via the DET Portal.
- the ability for teachers and students to store and access (view, download, save or print) files in a secure environment via the DET Portal.



Get Blended with teacher professional development

- [Maang](#)
- [MyPL@DET](#) ([course](#) summary)
- VC conference ([Breakkie with a Teckkie](#)/BOS)
- (TIM)Technology Integration Matrix



Reflecting the blend using TIM

- The Technology Integration Matrix (TIM) illustrates how teachers can use technology to enhance learning for all students.
- The TIM incorporates five interdependent characteristics of meaningful learning environments: active, constructive, goal directed (i.e., reflective), authentic, and collaborative (Jonassen, Howland, Moore, & Marra, 2003).
- The TIM associates five levels of technology integration (i.e., entry, adoption, adaptation, infusion, and transformation) with each of the five characteristics of meaningful learning environments.
- Together, the five levels of technology integration and the five characteristics of meaningful learning environments create a matrix of 25 cells as [illustrated](#)



Quality Teaching and Learning?

